Work and learning environment in electronic education systems used in distance learning

#### **Abstract**

These research aims at applying the old educational theory with forming the suitable environment of it in electronic learning environment, and establishing the required work environment for it. Learning environment was discussed in electronic learning and it is examined that the relationship between educational institute success and electronic learning work environment is strong. The results of the exploratory study seem to indicate the electronic learning environment in some of the educational materials to effectively support the students in distance learning.

# **Key words**

Electronic learning, learning environment, electronic learning environment, distance learning, electronic lesson

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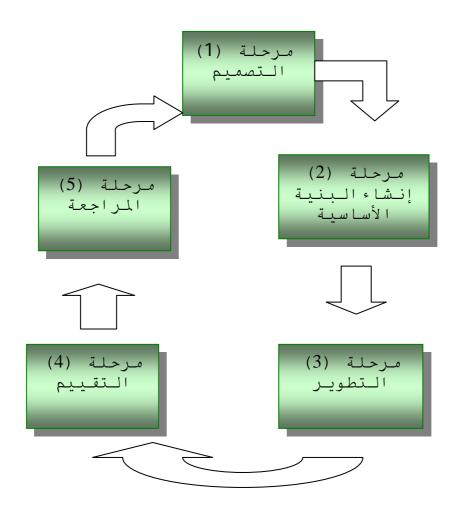
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### **Foreign References**

## Books

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Books

1. Jerry willis, larry Hovey, Kathleen Hovey – Computer simulations – Garland publications – 1987.

2. Marlin Kemper Littman Kemper Littman – Building Broadband networks – CRC press 2002.

3. Mynit Sue Khine, Darrel L.Fisher – Technology – Rich learning environments – world scientific 2003.

4. S.Dijkstra, Hp M. Krammer , Jeroe J. Gvan Merrienboer –instructional models in computer based learning environments- springer publisher 1992.

5. S.Dijkstra, Hp M. Krammer , Jeroe J. Gvan Merrienboer –instructional models in computer based learning environments- springer publisher 1992.

294

- Stephen Fallows Rakesh Bhenot Educational Development through
- Stephen Fallows Rakesh Bhenot Educational Development through information and communications technology Routledge publisher UK -2002.
   Stephen Fallows Rakesh Bhenot Educational Development through information and communications technology Routledge publisher UK -2002.
   Stephen Franklin , Eleen Strenski Building university electronic educational environments Springer publishers 2000.
   Stephen Franklin , Eleen Strenski Building university electronic educational environments Springer publishers 2000.
   William Horton Using E- learning American Society for training and

William Horton – Using E-learning – American Society for training and development 2002

William Horton - Using E-learning - American Society for training and 11. development 2002.

Periodicals

12. L. Sherry – Issues in distance learning – International Journal of

educational telecommunications, L (4),337-365 Year 1995.

A. L. Veerman, J.E. Bandriessen, G. Kanselear- Learning through synchronous electronic discussion- Journal of computer and education

No. 34 Year 2000 pages 269-290. 13. Andreas Muller – Hartmann – **The Role of tasks in promoting** intercultural learning in electronic networks – language learning technology Journal – Vol. 4 No. 2, September 2000, Pp. 129-147.

14. Anne Rose, David Eckared, and Gary W. Rubloff – An application

framework for creating simulation based learning Environments – HCIL

Technical Report No. 98 No. 7 May 1998.

15. Barry Raybould – **Performance support Engineering: An Emerging Development methodology for enabling organizational learning** – performance

improvement Quarterly, 8(1) vol. 8 No.1 year 1995 pages 7-22.

16. Bucky Walsh, Greg A. Johnson – Validation: Never An End point: A

systems development life cycle approach to good clinical practice- drug information Journal Vol. 35 pages 809-817 year 2001.

17. C.A.Schlosser, and M.L. Aderson – Distance education: Review of the literature – Washongton, D C: Association for educational communications & technology Year 1994.

18. Frans Rontettap & Anneke eurelings- Activity and interaction of students in the electronic learning environment for problem -based learning - Flayer & Francis - Routledge Vol. 23 no. 1 may year 2003 pages 11-22

19. Luis Manuel Borge Goweia - The Vet lab extraorie learning environment. The interaction of the electronic learning environments.

action to electronic learning environments – The international conference masstricht, the nitherlands March 1998.

20. Luis Manuel Borge Goweia – The Net lab experience: Moving the action to electronic learning environments – The international conference masstricht, the nitherlands March 1998.

M.Landoni; R Wilson; F Gibb - Looking for guidelines for the

production of electronic textbooks— Journal of Online Information Review, Volume: 25 Number: 3 Page: p181 - p195 year 2001.

22. Mark Emmons, Frances C. Wilkinson—Designing the electronic classroom: applying learing theory and ergonomic design principles—The Journal of library Hi Tech—Vol. 19 Issue 1 Pages 77-87 March year 2001.

23. Ramnath Chellopa, Anitesh Barua, and Andrew B. Whiston- An Electronic Infrastructure for a virtual university – Journal of communications of theach - Vol. 4 No. 9 September 1997

Sophine Cockcroft - Securing the commercial Internet: Lessons learned in developing a paost graduate course in information security management – Journal of information systems education, Vol. 13 (3) Year 2002.

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#### **Footnotes**

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- <sup>2</sup> Frans Rontettap & Anneke eurelings- **Activity and interaction of students in the electronic learning environment for problem -based learning** Flayer & Francis Routledge Vol. 23 no. 1 may year 2003 pages 11-22
- <sup>3</sup> L. Sherry **Issues in distance learning** International Journal of educational telecommunications, L (4),337-365 Year 1995.
- <sup>4</sup> Ramnath Chellopa, Anitesh Barua, and Andrew B. Whiston- **An Electronic Infrastructure for a virtual university** Journal of communications of theach Vol. 4 No. 9 September 1997.
- <sup>5</sup> Sophine Cockcroft Securing the commercial Internet: Lessons learned in developing a paost graduate course in information security management Journal of information systems education, Vol. 13 (3) Year 2002.
- <sup>6</sup> A. L. Veerman, J.E. Bandriessen, G. Kanselear- **Learning through synchronous electronic discussion** Journal of computer and education No. 34 Year 2000 pages 269-290.
- <sup>7</sup> Bucky Walsh, Greg A. Johnson **Validation: Never An End point: A systems development life cycle approach to good clinical practice** drug information Journal Vol. 35 pages 809-817 year 2001.
- <sup>8</sup> C.A.Schlosser, and M.L. Aderson **Distance education: Review of the literature** Washongton, D C :Association for educational communications & technology Year 1994.
- <sup>9</sup> Barry Raybould **Performance support Engineering: An Emerging Development methodology for enabling organizational learning** performance improvement Quarterly, 8(1) vol. 8 No.1 year 1995 pages 7-22.
- <sup>10</sup> Mark Emmons, Frances C. Wilkinson **Designing the electronic classroom: applying learing theory and ergonomic design principles** The Journal of library Hi Tech Vol. 19 Issue 1 Pages 77-87 March year 2001.
- <sup>11</sup> Luis Manuel Borge Goweia **The Net lab experience: Moving the action to electronic learning environments** The international conference masstricht, the nitherlands March 1998.
- <sup>12</sup> Anne Rose , David Eckared , and Gary W. Rubloff **An application framework for creating simulation based learning Environments** HCIL Technical Report No. 98 No. 7 May 1998.